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GenCore version 5.1.4_p5_4578 Copyright (c) 1993 - 2003 Compugen Ltd.
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March 4, 2003, 00:06:34; search time 3008 Seconds (Without alignments) 9829 937 Million cell updates/see ...tasaatteatteteaugget lülé #8-10-016-149 3 1016 Title: Perfect score:

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Listing first 45 summaries Maximum Match 100% Post-processing: Minimum Match 0%

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Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakaqawara,A., Liu,S., Hoshi,M., Horii,A.
                                                                                                                                                                                                                                                                                         Mammalian phospholipase A2 nucleotide sequences, low molecular beight amino acid sequences encoded thereby, antisense sequences and nucleotide sequences having internal ribosome binding sites Patont: US 6352849-A 18 05-MAR-2002;
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Sequence 18 from patent US 6352849.
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Tischfield,J.A. and Seilhamer,J.J.
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Patent: US $472477-A 18 24-677-1999.
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Query Match
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Rest Loual Similarity 100.0%; Pr.d. No. 6.7e-05;
Matches 22; Conservative 9; Mismatches 9;
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AR081983
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AR091982
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Sequence 14 from patent US 5972677.
AR081981
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1 5 c 8 q
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Best Local Similarity 100.0
Matches 22; Conservative
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Tischfield,J.A. and Seilhamer,J.J.
Tischfield,J.A. and Seilhamer,J.J.
Manmarlam phosphorlapase A.sub.2 incleotide sequences low molecular
Monamilian phosphorlapase A.sub.2 incleotide sequences enranged 'Parrely an' leaves serpannes and
nucleotide sequences having internal ribosome binding sites
Patent, US 5972677-A 13 26 oct.-1999;
Location/Qualifiers
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Johnson, J. R., Seilhamer, J.J., Pruzanski, W. and Vidas, P.
SYNOVIA, PHOSPHOLIPASES
Patent: WO 8901773+A 26 09-MAP-1989.
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Best Local Similarity (6.9%, Pred. No. 4.16+05,
Matches 33, Conservative 9, Mismatches 17: Indels
                       Length 24;
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100 0%; Prod. No. 6,70+05;
                    Query Match 2.4%; Score 24; DB 12; I
Best Local Similarity 100.0%; Prod. No. 1.9e+05;
Matches 24; Conservative 0; Mismatches 0;
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I09225.1 GI:588056
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1 (bases 1 to 22)
Tischfield,J.A. and Seilhamer,J.J.
Mammalian phospholipase A.sub.2 nucleotide sequences low molecular
Weight amino acid sequences encoded thereby antisense sequences and
Tischfield, J.A. and Seilhamer, J.J.

Fischfield, J.A. and Seilhamer, J.J.

Mammarlian phospholipase A.sub.2 nucleotide sequences low molecular weight aminou acid sequences are accorded thereby antisense sequences and nucleotide sequences baying internal ribosome binding sites.

Patent TS 547677 A 14 76 cert 1999;
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Sequence 16 from patent US 6352849.
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Sequence 72 from Patent W00204664.
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Mammallan phospholipase A2 nucleotide sequences, low molecular wheight amino acid sequences encoded thereby, antisense sequences and nucleotide sequences having internal ribosome binding sites Fatent: US 632849, A 13 05 MAR 2002,
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nucleotide sequences having internal ribosome binding sites
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Mammalian phospholipase A2 nucleotide sequences, low molecular Mammalian phospholipase A2 nucleotide sequences, nevaled and iscuss sequences and incleotide sequences having internal ribosome binding sites fatent: US 6352849-A 15 05-MAR-2002:
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Tischfield,J.A. and Seilhamer,J.J.
Mammalian phosphollpase A2 nucleotide sequences, low molecular weight amino acid sequences encoded thereby, antisense sequences and nucleotide sequences having internal ribosome binding sites Patent: US 6352849 A 15 05:MAR-2002;
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Genes and their genetic products pertinent to microsatellite instable (msi+) tumours
Patent: Wc 0201464 A 72 17-JAM 2002;
Von Knebel Doeberitz, Magnus (DE)
                                              Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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nervous system disease; ss. Homo sapiens.

W0200147944-A2.

05-JUL-2001.

28 DEM 2000; 2000MO-1535498.

28 DEC 1999, 990S-0173419. 27 DEC-2000; 2000US 0173419.

HPLA2-10 gene prim HPLA2-10 gene prim HFLA2-10 gene prim HFLA2-10 gene prim Human FTL3LG -1 cM

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                                                                                                                                                                                                                                                                                                                                                                   The present invention relates to oligonucleotides encoding polymorphic covariants of proteins related to amylases, amyloid proteins, angiopoletin, apoptosis related proteins, cadherin, cyclin, polymerase, oncogenes, apoptosis related proteins, cadherin, cyclin, polymerase, oncogenes, complement related consistency, kinesins, cytokines, interferons, interleukins, proteins, cytochromes, kinesins, cytokines, interferons, interleukins, consistent coupled receptors and thioseptrases. The present sequence is G-protein coupled receptors and thioseptrases. The present sequence is consistent output by them may be used in the prevention, diagnosis and treatment of diseases associated with inappropriate expression of the proteins listed above. Disorders that may be prevented, diagnosed and/or treated include multificatorial diseases with a genetic component, such as autoimmune consistency inflamation, cancer consistency in the protein of pathogenic consistency in the bladder, brain, breast, colon and kidney, concarients.
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neuronal ceroid liptuscinosis; gene therapy; primer; PCR;
polymerase chain reaction; RACE; ss.
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                                                                                                                                          Claim 1; Page 2914; 4143pp; English.
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                 Shimkets RA, Leach M;
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                           A human PLA2-encoding conA (AApdis8) captescibling set type IV PLA2, HPLA2-10, was isolated from human brain RNA by RACE FCR using the primers given in AAO81140-47.
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Pred, No. 8.7e+02;
0; Mismatches 1; Indels 0
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                                                                                                                                                                                                                                                                            12 CCACAGATGAAAGGCCTCCTCCCACTGCCTTGG 44
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  HITHITHITHITHITHITHITHITH | 39 TYPECCAACATCCTCTCTCTCTAGGGC 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Example 1; Page 43; 160pp; English.
Example 1; Page 43; 160pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                       AAQ81145 standard; cDNA; 39 BP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2.58;
96.38;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Seilhamer JJ, Tischtleld JA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           9308-0091941.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   94WO-US07926.
                                                                                                                                                                                               100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    930S-0097354
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          HPLA2-10 gene primer H10-37.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches 26; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  15-AUG-1995 (first entry)
                                                                                                                                                                                               Local Similarity 100.0
nes 33; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (INCY-) INCYTH PHARM INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   WPI; 1995-067096/09.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     disease, etc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        15-JUL-1994;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  15-JUL-1994;
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(INCY-) INCYTE PHARM INC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            9.77
                                                                                                                                                                                                                                     emosome 1p36-35; chromeseme 21q22.1; jenetic analysis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Match 24, Darity 1/0.0%, Fred, Mo. 1.86×0%, Length 24, es 24, Conservative 0, Mismatches 0, Indel.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    specifically claimed for use in the present invention.
                                                                                                                                                                                       Human chromosome 1p36-35 PCR primer SEg ID NO:344.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 24 BP; 8 A; 7 C; 4 G; 5 T; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Claim 4; Page 11, 528pp, Japanese.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         966 GACTCTCTAAATCTGGTGTATGGG 989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   24 GACTCTCAAATCTGGTGTATGGG 1
                                          ABL43300 Standard: PNA: 24 PP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      10 MAR 2000; 2000JF 0066716.
                                                                                                                                                                                                                                                                                                                                                                                                                                                      12-MAR-2001; 2001 IP-00682H5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (KIKA) MIKACAKU KENKYUSHO.
(GENO) GENOTEX YG.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          15-AUG-1995 (first entry)
                                                                                                                                        11-APR-2002 (first entry)
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                                                                                                                                                                                                                                                                 genome: PCR primer; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Arraying genome clones
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WPI: 2002-144136,719
                                                                                                                                                                                                                                                                                                                                                         JP2601421190-A.
                                                                                                                                                                                                                                                                                                              Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                         20 Nov 2001.
                                                                                          ABL43300;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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                                                                                                                                                                                                                                       Human
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1D AAQ8113
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AC AAQ8113
XX DT 15-AUG
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                      ABL43300/c
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RESULT 4
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Caps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     A human PLA2 encoding oDNA (AAQ81138) expressing a novel type IV PLA2, HFLA2 10, was isolated from human brain RNA by RACE-PCE using the primers given in AAQ81140 47. Primer H10 C was used for 5'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Novel type III and IV low mot, wt. phospholipase A2 engymes from humans and rats, also nucleic acid sequences useful, e.g. for recedition' profer of engages, research into Batten's
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Scure 12, 58 16, Length 22;
Pred. No. 7e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              HELAC 10, phospholipase A2, FLAC, Butten disease, neutonal verold liptusciousis, were therapy, primer, ECK, polymerase chain reaction, RACE, ss.
                                       HITA2-10, phospholipase A2, PLA2, Batten disease;
neuronal ceroid hipfuschoosis; gene therapy; primer; PCR;
polymerase chain reaction; RACE; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Example 1; Page 43; 160pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               522 ATACH FOUNDAMENTED 543
HPLA2 10 gene PCK primer H10-C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AAy81140 standard, cDNA, 22 BP.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Seilhamer JJ, Tischfield JA;
                                                                                                                                                                                                                                                                                                   94WO-US07926.
                                                                                                                                                                                                                                                                                                                                                  93US-0091941.
                                                                                                                                                                                                                                                                                                                                                                         93US-0097354.
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                                                                                                                                                                                                                                                                                                                                                                                                                        (INCV.) INCYTE PHARM INC. (INDV.) UNIV INDIANA POUND.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   15-AUG-1995 (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WPI; 1995-067096/09.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             disease, etc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     15-JUL-1994;
                                                                                                                                                                                                                                                                                                15-JUL-1994;
                                                                                                                                                                                                                                                                                                                                                  15-JUL-1993;
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                                                                                                                                                                                                                                                                                                                                                                            26-JUL-1993;
                                                                                                                                                                                                W09502328-A.
                                                                                                                                                                                                                                               26 UAN 1995.
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                                                                                                                                               Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Synthetic.
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Sequence 22 BP; 5 A; 5 C; 8 G; 4 T; 0 other;
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                                                                                                                                                                                                                              HPLA2-10 gene primer H10-1a.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity 100.0
les 22; Conservative
                                                                                                                                                                                                        15-AUG-1995 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                (INCY-) INCYTE PHARM INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WPI; 1995-067096/09.
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                                                                                                                                                                                                                                                                                                                                                                                                  15-301,-1993;
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                                                                                                                                                                                                                                                                                                                                                                                                            26-JUL-1993;
                                                                                                                                                                                                                                                                                                                               WO9502328-A.
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                                                                                                                                                                                                                                                                                                      Synthetic.
                                                                                                                                                                                     AA081142;
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                                                                                                                                                 AAQ81142/C
                                                                                                                                         RESULT 8
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                                                                                                                                                                                                                                                                            Caps
                                                                                                                                                                  A human PLA2-encoding cDNA (AAQ81138) expressing a novel type IV PLA2, HPLA2-10, was isolated from human brain RNA by RACE-PCR using the primers given in AAQ81140-47. Primer H10-A was used for 3' HACE-RT PCR.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Movel type III and IV low mol. Wt. phospholipase A2 engymes from humans and rats, also nucleic acid sequences useful, e.q. for recombinant prodn. of enzymes, research into Batten's
                                                                                                                                                                                                                                                                            .;
                                                                                  Novel type III and IV low mol. wt. phospholipase A2 enzymes from humans and rats, also nucleic acid sequences useful, e.g. for recombinant prodn. of enzymes, research into Batten's
                                                                                                                                                                                                                                                    2.2%, Store 22; EB 16, Impgth 22; 100.0%; Pred. No. 70+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              HPLA2-10; phospholipase A2; PLA2; Batten disease; neuronal ceroid lipfuscinosis; gene therapy; primer; PCR; polymerase chain reaction; RACE; SS.
                                                                                                                                                                                                                                                                           0; Indels
                                                                                                                                                                                                                              Sequence 22 BP; 1 A; 5 C; 7 G; 9 T; 0 other;
                                                                                                                                                                                                                                                                               0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Example 1; Page 43; 160pp; English.
                                                                                                                                                    Example 1; Page 43; 160pp; English.
                                                                                                                                                                                                                                                                                                      151 CTGGCTTGGTTCCTGGCTTGTA 172
                                                                                                                                                                                                                                                                                                                                                                                       AAQ81141 standard; cDNA; 22 BP.
                                                                                                                                                                                                                                                                                                                    1 CTGGCTTGGTTCCTGGCTTGTA 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Seilhamer JJ, Tischfield JA:
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                                             Seilhamer JJ, Tischtield JA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                             HPLA2-10 gene primer H10-1.
                                                                                                                                                                                                                                                                                                                                                                                                                                       15-AUG-1995 (first entry)
                     (INDV ) UNIV INDIANA FOUND.
                                                                                                                                                                                                                                                                                  Conservative
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                                                                    WPI; 1995-067096/09.
                                                                                                                                                                                                                                                                   Local Similarity
Les 22, Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       discase, etc.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             W09502328-A.
                                                                                                                                disease, etc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                 AA081141;
                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                       Matches
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                                                   Caps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Novel type III and IV low mol. Wt. phospholipase AZ curymnes from humans and rats, also nucleic acid sequences useful, c.d. for recombinant prodn. of curymnes, research into Batten's
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Pred, No. 7e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                U; Indels
Query Match 2.2%; Score 22: DB 16; Londth 22; Best Local Similarity 100.0%; Pred. No. 7e+08; Matches 22; Conservative 0; Mismatches 0; Indees
                                                                                                                                                                                                                                                                                                                                                                                                                                HEGAL-10; phosphelipuse A2; brA2; Batten discuse; neuronal ceroid liptuscinosis; gene therapy; primer; PCK; polymerase chain reaction; RACE; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 22 BP; 2 A; 5 C; 8 G; 7 T; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Example 1; Page 43; 160pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 294 AACCCCCAAGGATGGCACCGAT 315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ABN75020 standard; cDNA; 48 BP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            22 AACCCCCAAGGATGGCACCGAT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2.2%; S
100.0%;
                                                                                                    186 GCAAGGAGGCTTGCTGGACCTA 207
                                                                                                                                                                                                                                                              AAQ81142 standard; cDNA; 22 BP.
                                                                                                                            Seilhamer JJ, Tischtield JA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        94WO-US07926.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       9305-0091941.
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ..
                                                                                                                                                                                                                                                                                                                                             This invention describes novel genes isolated from MSI: (microsatellite instability) tomest colls, containing coding measure-to-tide or dimedicabilities (cMMS and SMRE), differing by motations in CMMS at SMRE, differing by motations in CMMS at CMMR (cm. the college odding genes of measure (tumest) colls, and encoding 'neopeptide'-containing genes products of the products of the invention have eyecstatic activity, are capable of inducing a specific immune response (humeral and cellular) and are useful for gene therapy. The products of the invention are used for the molecular investigation and diagnosts of the invention are used for the molecular investigation prophylactic or therapout; immunisation are issued as a secular investigation of the invention.
                              MSI+; microsatellite instability tument cell; necepetide; cMMR; cDNR; mononcelectide mirroratellite, quee therapy, dialocsis, tument, human, dinucleotide microsatellite; cytostatic; humanisation; ss.
                                                                                                                                                                                                                                                                             Mutant genes isolated from tumous showing microsatedite instability, useful for diagnosis, treatment and prevention of tumors, also related
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Human, single nucleotide polymorphism, SNP, polymorphism, cytostatic, immanosuppressive, antiinflammatory, neuroprotective, antimicrobial, autoimmane disease, inflammation, cancer, neverse system disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   C, Saps
                                                                                                                                                                                                                       Worrfaer S,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Lengil 48,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Human SNP involving a gap oligonyoloctido SEQ IP Novioso
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5 CTCCCCTGCTCCAGCCCCCCAGCTCTTCCTTCCTCA 48
                                                                                                                                                                                                                     Knebel Dorberitz M, Bork P, Yman YP, Gebert J,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2.1%; score 21.6; DB 24;
68.2%; Pred. No. 1.3e+04;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches 14,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 48 BP: 3 A: 27 C: 6 G: 12 T: 0 other:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         intection: polymorphic protein; ds.
         Human FTL3LG -1 CMNR region cDNA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ABLU1061 standard; DNA; 50 BP
                                                                                                                                                                                                                                                                                                                         Claim 3; Fig 2; 31pp; German
                                                                                                                                                 04-JUL-2001; 2001W0-PE02510
                                                                                                                                                                        07-JUL-2000; 2000DE-1032608
                                                                                                                                                                                               (DOEB,) FARPPOT DOPPING M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                    peptides and antibodies
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Thos 20, Conservat
                                                                                                                                                                                                                                                       WPI; DOOD 171729,722
                                                                                                    W/200204664 A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     WO200138585-A2
                                                                                                                                                                                                                                  Linnebacher M;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Homo sapiens.
                                                                               Homo sapiens,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       05-MAR-2002
                                                                                                                          17-JAN-2002.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ABL01061;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ABL01061/0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 10
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ABLOCOLO TO ABLOTION represent heman numbers acid oligonucleotides computising one of more stadle numberlide polymorphisms (SNPs). ABB56531 to ABB5693 represent human peptides encoded by some of the SNP (Lighter the Chief SNP) and the sequences from the present into attention human observed immunosuppressive, cytostatic, antiinflammatory, neuroprotective and
                                                                                                                                                                                                                                      Isolated human nucleic acids comprising one or more single nucleotide polymorphisms, useful for treating a subject suffering from a pathology, e.g. autoimmune diseases, ascribed to the presence of a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Caps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             polymorphic protein within appropriate physiological samples).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 50;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Polyketide synthase; arenmentin; PKS gene; insecticide;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         9.0077 Match 2.18, Score 21.4, DB 23,
Bost bood Similarity 71.8%; Fred. No. 1.66-04;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           532 AACATCCICIGCICCIAGGCCICCCAGAGAGCICCICC 570
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Avermestis polyMetide synthase gene PCR primer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 50 BP; 14 A; 3 C; 27 G; 6 I; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                                                               Claim 1, Page 568, 674pp, English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (BIOT-) BIOTICA TECHNOLOGY LID. (PFIZ.) PFIZER INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AAMS8375 standard, DMA, 42 BP.
22-NOV-2000; 2000WO-US32311.
                                              9903 0167383.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         99W0 - GBC2158.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     98GR-0014622
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                23-MAY-2000 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Streptomyces avermitilis.
                                                                                                                                                                                                                                                                                                                   sequence polymorphism -
                                                                                                                                               Leach M;
                                                                                         (CURA-) CURAGEN CORP.
                                                                                                                                                                                           WPI; 2001-355949/37.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PCR primer; ss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        W0200001827 A2
                                              21 NOV 1939.
                                                                                                                                               Shimkets RA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    06 - JUL-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     06-TIII,-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         13 JAN-2000.
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AAT78910;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               multiwell plates; (b) a primer designed based on the chromosome marker multiwell plates; (b) a primer designed based on the chromosome marker sequence is added to the mixture to carry out an amplification reaction; (c) a signal corresponding to the marker is detected from the resultant amplified product to specify the discrimination Nos. of the multiwell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         The present invention describes a method of arraying genome clones. The method comprises: (a) clones of the genomic libraries contained in multiwell plates numbered for discrimination are mixed in each of the
                                                                                            Mutated Type I polyketide synthase containing a polylinker site in an extension module for replacement of a reductive loop sequence, for producing polyketides, e.g. Bl avermectin -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Gaps
                                                                                                                                                                                                               The present sequence is that of a primer used in the PCR amplification of a 2.4 kb fragment of the avermectin polykelide synthase (PkS) gene of Streptomyces averalitiis encoding the reductive loop of module 2. The PCR product was used in the construction of plasmid piG69, an intermediate in the construction of plasmid piG69, an intermediate in the construction of plasmid pulk31. The latter was used to transform Strepfomyces
                                                                                                                                                                                                                                                                                                                                    The invention relates
                                                                                                                                                                                                                                                                                                                              erythraea for the production of trikelides. The involtion relate to buckers acids encoding Type (FKS in which a polylinker with multiple restriction sites replaces 1 or more PKS genes encoding
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Human; chromosome 1p36-35; chromosome 21q22.1; genetic analysis;
    Kollentherger JL, Leadlay PF, Staunton J. Stutzman-Engwall KJ;
McArthur HAI;
                                                                                                                                                                                                                                                                                                                                                                                          enzymes associated with reduction. Methods for producing novel polyketides useful as antibiotics or insectleides are provided.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2.1%; Score 21.2; DB 21; Length 42;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                13; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  545 CCTAGGCCTCCCCAGGGAGCTCCTCCCAGACCAAGACTTTTG 586
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 | CCTAGATCTCCCCACCTTCCAACACCACCATGCTG | 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Human chromosome 1p36-35 PCR primer SEQ ID NO:343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1.7e+04;
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 42 BP; 10 A; 22 C; 2 G; 8 T; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Claim 4; Page 11; 528pp; Japanese.
                                                                                                                                                                                  Example 33; Page 51; 75pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ABL43299 standard; DNA; 20 BP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      10-MAR-2000; 2000JP-0066716.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 12-MAR-2001; 2001TP-0068285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (RIKA ) HINAGAKU KENKYHSHO.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 69.08;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    11-APR-2002 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Arraying genome clones
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 genome: PCR primer; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WPI; 2002-144136,719
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (GENO-) CENOTEX YG.
                                                                 WPI; 2000-182117,716.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Rest Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         JP2001321190-A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              20-NOV-2001.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ABL43299;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 12
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plates containing the clones having said marker sequence: (d) the order of the markers is changed so that the same discrimination Nos. succeed to the maximum in the specified discrimination Nos. to array the multiwell plates; (e) the clones in the multiwell plates of the specified discrimination Nos. are mixed expertively in each wells of longitudinal and lateral directions; (f) the mixed clones are cultured and the
                                                                                                                                                                                                                                resultant cultures are amplified by using the above primer; (q) signals are detected from the amplified by using the detected from the multiwell plates are specified from the detected result; and (i) the clones are reconstituted as the positions on the chiranessome and arrayed. The perfect in an increarray is useful for gene analysis. AMAZUST to AMAZUST represent PCR primers for human chromosome 1946-55 DNA, and AMASUS to AMASUS represent specially claimed for use in the present invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Monoclonal antibody; neurodegenerative disease; polyglutamine; TBP; repeat region; altinity; TATA binding protein; Konnedy disease; transcription initiation factor; lymphoblastic cell line; schizophrenia; transcription initiation factor; lymphoblastic cell line; schizophrenia; Hantindenia; deniant antosemal spinocerchellar ataxia; X-linked spino-bulbular muscular atrophy; familial spastic paraplegia; dentarorubral-pailidolusial atrophy; bipolar affective disorder;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    The invention relates to a monoclonal antibody (MAD) ECZ for the treatment of neurodegenerative diseases associated with the presence of polyalutamine repeat regions. This MAD is already known for its affinity to the TATA binding them (1892) transcription initation lactor, especially at the animo acid sequence LERGQBCQQQQQ tend at the N-terminus of TBP. MAD ICZ has been shown to have a high affinity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Antibody 102 mood for froating or preventing neared degenerative diseases - associated with proteins containing long polynglutamine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Poly-glutamine repeat region coding sequence from clone DAN26.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         indel::
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity 100.0%; Pred. No. 2.7e:04; thes 20, Conservative 9; Mismatches 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (INKM ) INSERM INST NAT SANTE & RECH MEDICALE.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2.0%; Score 20; DB 24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 20 BP; 5 A; 5 C; 5 G; 5 T; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Trottier Y:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  repeats, e.g. Huntington's disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     claim 21; Page 44; 69pp; French.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     manic depressive psychosis; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (CNES ) CNES CENT NAT RECH SCI.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    869 GGAACACITITCCTGAGATGC 888
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             96WO-FR01773.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          95FR-0013576.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 GGAACACITTCCTGAGATGC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    09-FEB-1998 (first entry)
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30 GITGGIGACACACACACTCACCCACAG 3

RESULT 15 8AX19299

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tor polyglutamine repeats with a proportional affinity to the number of glutamine repeats. This affinity has been used to identify genes encoding proteins containing beinglutamine repeats which are implicated in neurodegenerative discases. A screen of an expression library, generated from a lymphoblastic rell line from a parlent suffering attention spinocerebellar axia (SCA), with MAD LC2 isolated 6 new sequences (AAT78996-T2991) conciding polyglutamine repeats. This sequences is derived from cloude DANZ6 isolated from a patient suffering from any axis of the control of the sequence of a series of the control of t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        The primers and probe proposed for the use in cloning of the Fibera subunit are represented in AAQ14544-47.
See also AAR14711-23, AAR15751-81 and AAQ14541-47.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ( )
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Compsn. comprising purified farmesyl protein transferance to inhibit attachment of farmesyl molety to FAS protein in malignant cells and to treat survey.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2.0%; Score 20; DB 18; Longth 36;
llarity 72.2%; Fred. No. 3.6e+04;
Consorvative 0; Mismatches 10; indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 36 BP; 13 A; 12 C; 11 G; 0 U; 0 other;
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The present invention describes the N terminal peptide of human also describes: (1) recombinant plasmid PYHM G GSF). The present invention also describes: (1) recombinant plasmid PYHM G GSF (CCDtaining the CDNA for the peptide; and (2) E. coll ELZI (PYHM-G-GSF) (KCTC 0477BP) fransformed With the plasmid. The plasmid and E. coll strain are used to produce high yields of highly purified MG-GSF, which when retoided has varietied; biological activity of G-GSF, which when retoided has varietied; biological activity of G-GSF, which when retoided has manacopolesis disorders. The method of producing he GSF is less time-consuming and, therefore, more accommical than previous methods because the protein is expressed in mind yields without the need for further processing steps. AAX1939 to AAX19315 represent primer used in the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Caps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  New human granulocyte colony-stimulating factor (MG-CSF) containing a peptide at the N terminus — useful in the treatment of
                                                                                                                                                                                                                                            summan granting of the equatorist of the district and two the product
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               processing steps. AAX19290 to AAX19315 represent primer used synthesis of h6-CSF from an example of the present invention.
                                                                                                                                                                                                                                                                                                                      Hyman; granulocyte colony stimulating factor; G-CSF; hG-CSF;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 41;
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(KORE-) KONEA RES INST BIOSCHERCE & BIOTHERMOLOGY
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AAX19299 standard; DNA; 41 BP.
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                                                                                 AAX19299;
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Perfect score: 1016 Sequence: l afggatammatqttomgen......taabattomttotomaggen.1016

Scoring table: IDENTITY NUC

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441362 seqs, 153338881 residues

Searched:

Minimum DB seq length: 0

Maximum DB seq length: 50

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Pred. No. is the number of results predicted by chance to have a second greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

No. Score Match Length DB 1D			oмo			SUMMANTES	
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6 25.4 2.5 2.2 2.2 0.854.97.14 Sequence 18, 7 22 2.2 2.88.497.14 Sequence 18, 7 22 2.2 2.2 2.88.497.14 Sequence 13, 7 10.2 2.2 2.2 2.88.497.14 Sequence 13, 10.2 2.2 2.2 2.88.497.14 Sequence 13, 10.2 2.2 2.2 2.88.497.14 Sequence 17, 11.2 2.2 2.2 2.2 2.8 88.497.15 Sequence 17, 11.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.	5	25.4	01 01	64	4	298-60))
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Seguence 46, Appl	Sequence 7, Appli	Sequence 7, Appli	Sequence 68, Appl	Sequence 144, App	Sequence 185, App	Sequence 144, App	Sequence 185, App	Sequence 13 Appl	Sequence 6, Appli	Sequence 6, Appli]	Sequence 18, Appl	Sequence 112, App	., 4∵	ci ao	20,	Sequence 20, Appl
US-09-058-343A-46	US-08-199-507B-7	US-08 441-828 7	US-08-721-458B-68	US-08-384-708A-144	US-08-384-708A-185	US-08-687-421-144	US C8 687 421 185	ns-08-974-691-13	US 08 234 770A 6	US-08-448-735C-6	US-08-155-938-1	US-08-697-631A-18	US 08 640 255 110	US 08 397 633A 21	08-V282-202-80-30	07-346-749-60-30	US-09-451-206-20
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ALIGNMENTS

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APPLICANT: Tischfield, Jay A. APPLICANT: Seilhamer, Jeffrey J., APPLICANT: Seilhamer, Jeffrey J., APPLICANT: Seilhamer, Jeffrey J., APPLICANT: Seilhamer, Jeffrey J., APPLICANT: Seilhamer, Jefrey J., APPLICANT: APPLICANT: Sequences and Machen Sequences Sequences and Machen Sequences Jefrey Antisense Sequences and Machen Sequences Having Internal Pilessace Minding Sites CHARREST SEQUENCES. 44
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                                                                                                                                                                                                                                                                                                                                     STRUET - ... MASSTALL FAR CULTY: 200 Dast Brownerd Boulevard CITY: Fort Lauderdale STAIE: FL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AFELECATION NUMBER: USCORES 1,405 FILING DATE:
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AFFLICATION NOMBER: US/08/888.497
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CPERATING SYSTEM: PC DOS/MS-DOS
                                        . Sequence 17, Application US/0888497; Patent No. 5972677; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
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ELDISLEATER ROMELE. 32,564
ELECOMMUNICATION INFORMATION
TILLECOMMUNICATION INFORMATION
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FILING DATE, 26-JUL-1993
ATTORINY/AGINE THIORMATION:
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INFORMATION FOR SEQ ID NO:
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TYPE: nucleic acid
STRANDEDNESS: single
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PRIOR APPLICATION DATA:
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US-08-888-497-17
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TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleofide
TITLE OF INVENTION: Sequences and Low Molecular Wolght. Amino Acid Sequences
TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide
TITLE OF INVENTION: Sequences Having Internal Ribosome Hinding Sites
NUMBER OF SEQUENCES: 44
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3.2%; Score 33; DB 2; Length 44;
100.0%; Pred. No. 0.33;
                                   0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    IBM PC Compatible
SYSTEM: PC-DOS/MS-DOS
Patentin Release #1.0, Version #1.25
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                                      0; Mismatches
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Fort Lauderdale
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General INFORMATION:
APPLICANT: Tischfield, Jay A.
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Manso, Peter J.
Manso, Waver, 32,264
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TELECOMMUNICATION INFORMATION:
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ATTORNEY/AGENT INFORMATION.
                      100.0%;
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STRANDEDNESS: single
                                        Conservative
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
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US-09-362-230-17
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                         Best Local Similarity
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APPLICANT: Tischlield, Jay A.
APPLICANT: Seilhamer, Joffrey J.
TITLE OF INVENTION: Manmalian Phospholipase AZ Nucleatide
TITLE OF INVENTION: Sequences and low Malecular Weight Amino Acid Sequences
TITLE OF INVENTION: Sequences and low Malecular Weight Amino Acid Sequences
TITLE OF INVENTION: Sequences Having Internal Ribosome Hinding Sites
Manmalian Phospholipase AZ Nucleolide
Sequences and Low Molecular Weight Amino Acid Sequences
Encoded Thereby, Antiscuse Sequences and Nucleolide
Sequences Having Internal Ribosome Rinding Sites
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                                                                                                                       ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster & ADDRESSEE: Russell PA
                                                                                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCI/US94/07996
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1.00 0; Mismatches
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                                                                                                                                                                     200 East Broward Boulevard
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Patent No. 5972677
                                                                                                                                                                                                                                                                                                   COMPUTER: 1BM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
  Scilhamer, Jettrey J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: IN.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 305-527-2498
TELEPAX: 305-764-4996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       12,264
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 08
FILING DATE: 26-JUL-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                         Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                    15-JUL-1994
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             44 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Peter J.
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                                                                                                 44
                                                                                                                                                                                              Fort Lauderdale
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                                                                                               NUMBER OF SPQUENCES: 44
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Manso, Peter J
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
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                    TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                         TITLE OF INVENTION:
                                                                              TITLE OF INVENTION:
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REGISTRATION NUMBER:
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APPLICANT: Tischlield, Jay A.
APPLICANT: Seithamer, Jeffrey J.
TITLE OF INVENTION: Mammalian Phospholipase A2 Marteclide
TITLE OF INVENTION: Sequences and Lów Molecular Weight Amino Acid Sequences
TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Norleadide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
NUMBER OF SEGUENCES: 44
CORRESPONDENCE ADDRESS:
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96.3%; Pred. No. 75;
Tyo O, Mismathhea 1, Indole
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STREET: 200 Hast Broward Roulerard
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CURRENT APPLICATION DATA:
                 OPERALIMS SYSTEM (** 1 'M * 1 )
SOFTWARE: Patentin Release #1.0, Version #1.25
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                                                                                                                                 PRIOR APPLICATION DATA: APPLICATION NUMBER: US/08/651,405
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                                                                                                                                                                                                                                     AGENT INC.....
Manso, Peter J.
TWINNER: 32,264
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COMPUTER: 18M PC compatible
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REFERENCE/TOCKET NUMBER: 1N
THILKOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                  FILING DATE: 26-JUL-1993
ATTORNEY/AGENT INFORMATION:
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ATTORNET/AMPINT INFORMATION
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                                                     CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACIERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                          : 39 base pairs
nucleic acid
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                                                                        APPLICATION NUMBER.
FILING DATE:
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McLFGULE TYPE: cDNA
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                                                                                                                  CLASSIFICATION:
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US-09-462-230-18/c
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) Sequence 18, Application FC/TUS9407926

CENERAL INFORMATION:
APPLICANT: TISCHfield, Jac. 19, Application of TITLE OF INVENTION: Sequences and Low Moder Jac Mod. 19, Mod. 19, Application of TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide TITLE OF INVENTION: Sequences Having Internal Fibosome Hinding Sites NUMBER OF SEQUENCES: 44
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Rest Lecal Similarity 16.3%, Pred. Wo. 75,
Matches 26, Conservative 0; Mismatches
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APPLICATION HUMBER: FCT,0894,07526
FILING DATE: 15-40,-1994
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APPLICATION HAMBER: US US/097,354
FILING DATE: 26-JUL-1993
ATTORNEY/AGENT INFORMATION:
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             FELEFERNISZE CHELL MARE: THE
THERCOMMUNICATION INFORMATION:
TELEPHONE: 305-527-2498
32,264
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INFORMATION FOR SEQ ID NO: 18:
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                                          LECOMME. 305-02.
TELEPHONE: 305-02.
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INFORMATION FOR SEQ ID NO:
                                                                                                                                               LENGTH: 39 base pairs
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TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
TITLE OF INVENTION: Encoded Thereby, Antiscnse Sequences and Nucleotide
TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
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Patent No. 5972677
GENERAL INFORMATION:
APPLICANT: Tischlield, Jay A. APPLICANT: Sciltamer, Jeffrey J. TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Match 22: Decity 100.0%; Pred No. 6.56+02: Local Similarity 100.0%; Pred No. 6.56+02: Local Similarity 0; Mismatches 0; Indels es 22; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                       Rudon, Barnett, McClosky, Smith, Schuster &
Russell PA
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APPLICATION NUMBER- HS/08/RRR 407
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                                                                                                                                                                                                                                                                                                                                                                                                    STREET, 200 East Broward Roulevard CITY: Fort Lauderdale
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526 TPTCCCAACATCCTCTGCTCTTAGGCC 552
                       39 TTTCCCAACATCCTCTGCTCCTAGGG 13
                                                                                                                                             Sequence 13, Application US/08888497
Patent No. 5972677
                                                                                                                                                                                                          APPLICANT: Tischtield, Jay A.
APPLICANT: Scilhamer, Jeffrey J.
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ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Floppy disk
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CORRESPONDENCE ADDRESS:
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Jatent No. 597207.

GENERAL INFORMATION:

APPLICANT: Tischfield, Jay A.

APPLICANT: Seilhamer, Jeffrey J.

TITLE OF INVENTION: Mammalian Phospholipage AZ Nucleotide

TITLE OF INVENTION: Sequences and Low Molecular Weight Amine Acid Sequences

TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide

TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide

TITLE OF INVENTION: Sequences Hawing Internal Ribosome Binding Sites
Sequences and Low Moticental Weight Amino Acid Sequences Encoded Thereby, Antisense Sequences and Nucleotide
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                                       Sequences Having Internal Ribosome Binding Sites
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                                                                                                 ADDRESSEE: Rudon, Barnett, McClosky, Smith, Schuster & Andressee: Russell PA
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100.0%; Pred, No. 6.5c+02;
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0; Mismatches
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                                                                                                                                           STREET: 200 East Broward Boulevard
CITY: Fort Lauderdale
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/OR/651,405
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; Patent No. 5972677
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible OPERATING SYSTEM: PC DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Manso, Peter J.
REGISTRATION NUMBER: 32,264
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MEDIUM TYPE: Floppy disk
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                  Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               305-527-2498
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                                                                                           CORRESPONDENCE ADDRESS:
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US-08-888-497-14
                                                                        NUMBER OF SEQUENCES:
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Best Local Similarity
                TITLE OF INVENTION:
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                                   TITLE OF INVENTION:
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APPLICANT: Tischileld, Jay A.
APPLICANT: Scilhamer, Jettrey J.
TITLE OF INVENTION: Mammalian Phospholipase A2 Nacleotide
TITLE OF INVENTION: Sequences and Low Molecular Reight Amino Acid Sequences
TITLE OF INVENTION. Entirely, Antion Softward Companies Sequences and Companies Sequences.
TITLE OF INVENTION. Sequences Hawing Internal Bibosomer Binding Files.
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                   Patentin Release #1.0, Version #1.25
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Fort Lauderdale
                                                                                                                      APPLICATION NUMBER: US/DB/ARR 447 FILING DATE:
                                                                                                                                                                                                     US 08/097,354
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OPERATING SYSTEM: PC-1905/MS-1905
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Patent No. 5972677
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IBM PC compatible
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ATTORNEY/AGENT INFORMATION:
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ATTORNEY/AGENT INFORMATION:
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TELEFAX: 305-764-4996
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LENGTH: 22 base pairs
                                                            CURRENT APPLICATION DATA:
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Matches 22, Conservative
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APPLICATION NUMBER: T
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  COMPUTER:
                   OPERATING
SOFTWARE:
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GENERAL INFORMATION:
APPLICANT: Tisclifield, Jay A.
APPLICANT: Tisclifield, Jay A.
APPLICANT: Scilbanca, Jeffer J.
TITLE OF INVENTION: Sequences and how Molecular Weight Amino Acid Sequences TITLE OF INVENTION: Sequences and how Molecular Weight Amino Acid Sequences TITLE OF INVENTION: Sequences and how molecular Merghin Companies and Morbert de CORRESPONDENCE Abbress:

UMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
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190.5%; Prod. Health (From)
190. 0; Mismatches 0; Indels
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Fort Lauderdale
                      1021044-5
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                          522 ATACTITECCAACAICCICIGC 543
                   FLEEFER, E. F. CREEL RUMBEEL. INTELECOMMUNICATION INFORMATION: TELEPHONE: 305-527-2498
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              IBM PC compatible
RECISTRATION NUMBER: 32,264
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                                                                                                                                                                                                                                                                                                                 1.00 miles
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ATTORNEY/AGENT INFORMATION:
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                                                                                 THEFAX: 305-764-4996 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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Matches 22, Connervative
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TELEPHONE: 305 J.L.
™x + 405 - 754 - 4445
                                                                                                                                               LENGTH: 22 base pairs
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INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                     TYFE, nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: single
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FILING DATE:
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CLASSIFICATION:
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294 AACCCCCCAAGGATGGCACCGAT 315
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INFORMATION FOR SEQ. ID NO: 15:
SEQUENCE CHARATERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 26-JUL-1993
AFTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                    Floppy disk
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                                                                                                                                                                                              STREET: 200 page.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               nucleic acid
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US-09-362-230-15
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Best Local Similarity
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TITLE OF INVENTION: Mammailan Phospholipase A2 Muchestide
FITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
FITLE OF INVENTION: Exceded Thereby, Anticopies Sequences and Nucleotide
FITLE OF INVENTION: Sequences Haring Internal Pibosome Rinding Sites
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                                                o. Caps
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STREET: 200 East Broward Boulevard
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100.0%; Pred, No. 6.5e+02;
.tvc 0; Mismatches 0; Indels
                Length 22;
                                                o; Indels
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Patentin Release #1.0, Version #1.25
              Score 22; DB 4; Lc
Pred. No. 6.5e+02;
Query Match 2,2%; Score 22; DB -
Best Local Similarity 100.0%; Pred. No. 6.55
Dest Local Similarity 0; Mismatches
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Patent No. 6352849
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; Sequence 14, Application US/09362230
; Patent No. 6352849
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                                                                                         151 CTGGCTTGGTTCCTGGCTTGTA 172
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                                                                                                                                                                                                                                                                                    APPLICANT: Tischfield, Jay A.
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ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: Floppy disk
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INFORMATION FOR SEC ID NO:
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STRANDEDNESS: single
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CORRESPONDENCE ADDRESS:
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FILING DATE:
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US-09-362-230-14
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Rest Local Similarity
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US-09-362-230-15/c
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Sequence 13, Application PL/TUS9407926
GENERAL INFORMATION:
APPLICANT: Tischfield, Jay A.
APPLICANT: Seilhamer, Jeffrey J.
IIIIL OF INVENTION: Mammalian Phospholipase A2 Nucleotide
FILLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
IIIILE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Indels
COMPUTER PEALABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-TOS
SOFTWAPF: PALENTIN Release #1.0, Version #1.25
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32,264
PPR. IN21044 5
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APPLICATION NUMBER: US 08/097,354
FILING DATE: 26-JOL-2993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                 APPLICATION NUMBER. US, "9, "ACC, 233
                                                                                                                                                                                                                                                                        US 08/097,354
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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TELEPHONE: 305-527-2498
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INFORMATION FOR SEQ 1D NO: 16:
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ATTORNEY/AGENT INFOPMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACIERISTICS:
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                                                                                                                 CURRENT APPLICATION DATA:
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US-09-362-230-16
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                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         33301
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Topology:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGIH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE:
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100 0%; Pred, No. 6.56+62;
the 0, Mismatches 0, indels
                  1N21044-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Search completed: March 4, 2003, 02:20:32
                                                                                                                                                                                                                                                                                                                                                 151 CIGGTIGGTIGGTIGIA 172
                REPERENCE/INCRET NUMBER: INZ
THISCOMMUNICATION INFORMATION:
THEEPHONE: 305-527-2498
                                                                                                                                                                                                                                                                                                                                                                      1 CTCCCTTCCTCCTTCTA 22
REGISTRATION NUMBER: 32,264
                                                                                                                                                                                                                                                                     Query Match
Bost Loral Similarity 190 9
Matches 22, Consultative
                                                                          TELEFAX: 305-764-4996
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                 LENGTH. LD base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                         MOLECULE TYPE: CDNA
                                                                                                                                                                                             linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Job time : 61 secs
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                                                                                                                                                                                             TOPOLOGY:
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Conford vereive 5.1.4_{\rm p}F=4578 copyright (c) 1993 - 2009 Compugen Ltd.
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OM nucleic - nucleir search, using sw model

March 4, 2003, 00:54,34, search time on seconds (without alignments) 6399,966 Million cell updates/sec Run on:

US 10-016-149-3 Title:

.....taaaatteatteteaaqqet 1016 1 atggataccaatutteegae... Pertect score: Sequence:

Gapop 10.0 , Gapext 1.0 IDENTITY_NUC Scoring table:

160893 seqs, 300803382 residues Sear that. lotal number of hits satisfying chosen parameters:

Maximum DB seq length: 50 Minimum DB Seq length: 0

Post-processing: Minimum Match 08

Maximum Match 100% Listing first 45 summaries

Database :

Published_Applications_NA:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the Porth Forman distribution.

SUMMARIES

Result No.	Score	Ouery Match	Ouery Match Length DB	DB	1D	Description
	77	1.3	9	2	200 000 000 000 000 000 000 000 000 000	TOVER THE PROPERTY OF THE PROP
د.	하 근	ф. Н	4 4.	۰ۍ	US-09-968-851-52	
m	19	1.9	3.3	10	US-09-817-774-12	Sequence 12, Appl
4	1.9	1.9	5.5	3,	US-10-067-790-45	Sequence 45, Appl
in S	91	J. C	43	10	US-06-346-848-12	Sequence 12, Appl
ي د	19	1.9	4 3	0.1	08-09-766-918-12	Sequence 12, Appl
7	5.7	ۍ ا	45	٠٠	US-10-007-132-46	Scauence 46, Appl
9 .	18.6	1.8	39	=	US-09-804-615-32	Seguence 32, Appl
.J.	30	α,	2.1	=	623-162-105-60-30	Seguence 529. Ann
10	18.4	œ.	36	<u>ි</u>	08-09-765-272-269	Sequence of Pro-
_	18.4	1.8	1. 17.	÷	US-09-978-295A-43	Sequence 43, App]
1.2	18.4	1.8	45	5	US-09-978-697-43	Sequence 43, Appl
	4.85	æ.	u) *#	٠	US 09 978 192A 43	Sequence 43, Appl
14	18.4	1.8	45	5	US-09-999-832A-43	Sequence 43, Appl
15	18.4	9.1	4.5	9	US 09 978 189 43	
5	. 18.4	1.8	46	10	US-09-784-508-9	
c 17	18.4	1.8	48	5	NS-Un-ada-154-14	÷
18	18.2	. 3	40	S.	US-09-951-402-46	
5	18.2	1.8	40	10	US-09-951-401-46	Sequence 46, Appl

Sequence 46. Appl	Sequence 383, App	٠.	30	6. 0.0	Sequence 383, App	Sequence 29, Appl	2,1	35	S C	3	Sequence 192, App			Sequence 195, App	Sequence 196, App	147,	Sequence 15, Appl	Sequence 8, Appli	Sequence 198, App	Sequence 11, Appl	Sequence 1653, Ap		Sequence 8, Appli	Sequence 59, Appl	Sequence 116, App
9-922-101	US 09 978-295A 383	HE OF 978 697-383	US-06-978-192A-383	05-09-999-832A-383	US-09-978-189-383	US 09 185 904A 29	.0.94	US 09 811 094 35	HS-09 R10-644 29	US-09-810-644-35	US-09-179-536B-192	US-09-179-536B-193	US-06-179-536B-194	US-09-179-536B-195	Us-09 179-536B-196	US-09-179-5368-197	US:09-754-066-15	55 03 323 070A 8	US-09-179-536B-198	US 05 821 016 11	US-09-801-274-1653	US-10-027-199-8	#- 336-80-80	US-09-972-115A·59	US-10-043-573-116
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	C) 55 C1	18 :			18.2	8	x	a) -1	<u>r</u>	18	18	18	18	18	18	18	18	18	18	17.8			17.6		
c)	<u>-1</u>	음	či	4	មា Ci	9.0	٠.	8 ⊜	Ē,	30	3.1	32	35	34	12	36	37	33	39	40	4 1	4.2	4.3	44	4.5
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ALIGNMENTS

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Latent Ro. (25,000)50891A1
Firston in Frantium
Africani Rowen Lee
Africani F. P. P. Ren F.
Lill F. C. (NVPLICE) Lee
Africani F. P. P. Ren F.
Lill F. C. (NVPLICE) L. (279)
F. Freshowski, August 1.279
F. Freshowski, 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDTUM TYPE: Floppy disk
COMPUTER: 1BM PC COMPATIBLE
COMPUTER: 1BM PC COMPATIBLE
COMPUTER: 1BM PC COMPATIBLE
COMPATING SYSTEM: PC-PCS/MS-10S
SOFTWARE: PALORITH Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLIANCE NOTE: 05-MAR-1999
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           920010.420CD
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HAND. MCMASTCTS, David D.
REGISTRATION NUMBER: 31,963
EDIECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELETHONE. (255) 622-6900
THISTINA. (256) 622-6931
INFORMATION FOR SEQ ID NO: 120:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 46 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Seatthe
STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
                                                                                                                                                           ing one proceedings of Physics
and Section 1211, Applica-
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US-09-262-959-120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                              . Latent No.
                                                                                                             RESULT 1
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1.9%; Score 19.4; DB 10; Length 46; Query Match

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                   0; Gaps
                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: P53 PROFEIN VARIANTS AND THERAPEUTICAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1.9%; Score 19.4; DB 9; Length 48; 64.4%; Pred. No. 1.5e+04;
                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: FINNEGAN, HENDERSON, FARABOW, GARRETT 6
                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IRM FC compatible
COMPUTER: IRM FC compatible
OPERATING SYSTEM: PC DOSS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 03-06f-2001
CLASSIFICATION: <unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      530 CCAACATCCTCTGCTCCTAGGCCTCCCCAGGGGGGGCTCCTCCCAGA 574
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             16;
70.3%; pred. No. 1.4e+04;
Live 0; Mismatches 11;
                                                         585 TGTTCTGTTTTTTTACAACACAGAGTACTGACTCTGC 621
                                                                               46 TTTTCFGGTTTTCTGGAAGGGAAGTGFCTCTGC 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 47,114
REFERENCE/DOCKET NUMBER: 03804 0142
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/983,035
FILING DAIE: 20-Feb-1998
APELICATION NUMBER: PST/FEF96/01111
FILING DATE: 17-JUI-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: CDNA
SEQUENCE DESCRIPTION: SEG ID NO: 52:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: FR 95,708729
                                                                                                                                                                                                                                                                                                                         USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                           STREET 1300 1 Street, NW CITY: Washington STATE: DC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                              APPLICANT: CONSEILLER, EMMANUEL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 19-JUL-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 12, Application US/09817774 ; Patent No. US20020120111A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Strauss, William L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                Sequence 52, Application US/09968851
Publication No. US20020193561A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: 202-408-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 52:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 48 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                      DUNNER, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                 BRACCO, LAURENT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 59
                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        29; Conservative
                           26; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  20005-3315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sest Local Similarity
        Best Local Similarity
                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME
                                                                                                                                                                      RESULT 2
US-09-968-851-52/C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-817-774-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 3
                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ò
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APPLICANT: MCCORMICK, Alison
APPLICANT: TUSE, Daniel
APPLICANT: FEINL, Stephen
APPLICANT: LINDEO, John
APPLICANT: LINDEO, John
APPLICANT: TIPPEN, FROMMS
TITLE OF INVENTION: SELF ANTIGEN VACCINES FOR TREATING B CELL LYMPHOMAS AND OTHER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Cabs
                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Gaps
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                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Description of Artificial Sequence: D5-4-3
US-09-817-774-12
                                                                                                                                                                                                                                                                                                                                                                                               Overy Match 1.9%; Score 19; DB 10; Longth 34; Best Local Similarity 81.5%; Pred. No. 1.6e+04; Matches 22; Conservative 0; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Guery Match 1.9%; Score 19; DB 9; Lynath 49; Best Local Similarity 71.4%; Pred. No. 1.7ev04;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           251 ACTACOGCITCTACGGCTGTTACTGCGGCTGCGGC 285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRENT ATTLICATION NUMBER: US/TU/2067,790 CORRENT FILING DATE: 2002-02-08
                                                            FILE CORRESPONDED 2225 0020 / 91020 002 CURRENT APPLICATION NIMHER: US/09/817,774 CURRENT FILLING DATE: 2001-03-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT FILING DATE: 2002-02-08
PRIOR APPLICATION NUMBER: US/09/522,900
PRIOR FILING DATE: 2000-03-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/155,579
PRIOR FILING DATE: 1999-09-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             574 ACCAAGACTTTTGTTCTGTTTTTTAG 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 7 ACGARGICTGITGITGITGITGIAG 33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 12, Application US/09766898 ; Patent No. US20010016350A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT Stutzman-Enqwall, Fim 1
APPLICANT MCArthur, Hamish
                                                                                                        CURRENT FILLING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: 60/192,202
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 45, Application US/10067790
Publication No. US20030035807Al
GENERAL INFORMATION:
APPLICANT: CHOE, SURGHWA
APPLICANT: FELDMANN A., Kenneth
TITLE OF INVENTION: DW15 MUIANIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ 1D NOS: 62
SOFTWARE: FatentIn version 3.0
SEQ 1D NO 45
                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: 18696-169194
                                                                                                                                                           PRIOR FILING DATE: 2000-03-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                               SOFTWARE: Patentin Ver. 2.0
SEG ID NO 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Linker
                                                                                                                                                                                NUMBER OF SEQ ID NOS: 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORCANISM: Unknown
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-766-898-12/C
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CENCTH:
                                                                                                                                                                                                                                                       ENGTH:
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FILLE REFERENCE: P.10649
CURRENT PELLING NUMBER: US/09/766,916
CURRENT FILLING DATFO: 2001-01-22
PRIOR APPLICATION NUMBER: 09/372,934
APPLICANT: Katch, Yoshihiro
IIILE OF INVENTION. STREPTSMYCES AVERHITLIS GENE DIRECTING THE RATIO OF
TITLE OF INVENTION: B2:R1 AVERHECTINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Saps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query March 1.9%; Score 19; DB 10; Length 43; Best Local Similarity 71.4%; Pred. No. 1.8e.04; Matches 25; Conservative 9; Mismitches 10; Tadels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                401 Teacatagaaataataacaaaaacaaaaaa 435
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                                                                                                        TRATION NUMBER, PS, P9, TGC, 839
                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: ECT/1833/50155
PRIOR FILINS DATE: 1999 01 25
NUMBER OF SEQ ID NOS: 25
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                                                                      FILE REFERENCE: PC10649
THEFT ANTICAL RUMBER: 73,767
CURRENT FILING DATE: 2001-01-22
PRIOR APPLICATION NUMBER: 09,732,944
PRIOR FILING DATE: 1999-08-12
                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Stroptomyros progmitilis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Stutzman-Engwail, Kim J. APPLICANT: McArthur, Hamish APPLICANT: Katch, Yoshihiro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2007-0-16-916-12/c
Sequence 12, Application US/09766916
Patent No. US20010024818A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Streptomyces avermitilis
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// Publication No. US20030027254Al
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Smith, Kelli E
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NOMHER OF SEQ ID NOS: 25
SOFTWARE: PatentIn Ver. 2.0
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LENGIH: 43
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CORRESPONDENCE ADDRESS:

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TITLE OF INVENTION: No. US20020055467Alel Neurotrophic Factors
FILE RETERRICE: No. US2002005546.7Alel Neurotrophic Factors
CURRENT AFFLICATION NUMBER. US/03/804,615
CURRENT FILING DATE. 2001 03 12
PRIOR APPLICATION NUMBER: DANISH 1998,00904
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 45;
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                                                                                                                                                                                                                  COMPUTER: 16M PC compatible OPERATING STSTEM: PC-PS/MS-DOS SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      148 CCACTGGCTTGGTTGGTTGGTTGTTGTTGTTGTTGGTGTGTAAG 190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3 CTACACGCTGGATGCCTGGCTCTTTGGGGCCCTCGCTGCAAG 45
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Fest Local Similarity 65.1%; Pred. No. 1.9e+04;
Matchus 28; Conservative 0, Mishafohes 15;
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PRIOR FILING DATE: 1998-07-06
PRIOR FILING DATE: 1998-07-06
PRIOR PLING DATE: 1998-07-06
PRIOR PELING DATE: 1998-08-09
PRIOR APPLICATION NUMBER: DANISH 1998 01048
PRIOR FILING DATE: 1998-08-19
PRIOR FILING DATE: 1998-08-19
PRIOR FILING DATE: 1998-08-25
FRICK APPLICATION NUMBER: USSN 60/097,774
PRIOR FILING DATE: 1998-10-13
FRICK FILING DATE: 1998-10-13
FRICK FILING DATE: 1998-10-6
FRICK APPLICATION NUMBER: LANISH 1998 01265
FRICK APPLICATION NUMBER: CS.S.N 69/347,613
                          SIREET: 1185 Avenue of the Americas
                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/007,132
FILING DAIE: 03-Dec-2001
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ADDRESSEE: Cooper & Dunham LLP
                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA: APPLICATION NUMBER: 09/058,333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: White, John P
RECISTRATION NUMBER: 28,678
RELEGATE, TATE: ACMARE 722
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: <Unknown>
                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               . Sequence 32, Application 03/09804615; Patent No. 0820020055467A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: 212 278 0400
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ATTORNEY/AGENT INFORMATION:
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INFORMATION FOR SEQ ID NO: 46:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 45 base pairs
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NUMBER OF SEG ID NOS. 40
SOFTWARE: Patentin Ver. 2.1
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; APPLICANT: Johansen, Teit E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
                                                                                 STATE: New York
                                                                                                   MURIEY: U.S.A.
ZIP: 10036
                                                 CITT. NOW YOLK
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels 0; Gaps
                                                                                                                                    Gaps
              ; OTHER INFORMATION: Description of Artificial Sequence: PCR primer 08-09-804-615-32
                                                                                                                                  0;
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                                                                                         1.8%; Score 18.6; DB 10; Length 39;
72.7%; Pred No 2 30+04;
ige 0; Mismatches 9; Indels C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Treland, James S.
APPLICANT: Lander, Eric S.
ATTLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS FILE PEPERENET: 2928 2009-001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Human Genome Sciences, Inc. STREET: 9410 Key West Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
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                                                                                                                                                                                                746 AGOGTOCCAGGGTCCCTAGGCCTCCACTTC 775
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/206,129
PRIOR FILLING DATE: 2000-05-22
NUMPER OF SEQ ID NOS: 1802
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 259, Application US/09765272
Patent No. US20020061545Al
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILLING DATE: 22-Jan-2001
CLASSIFICATION: <000Known>
                                                                                                                                                                                                                                                                                                                     Sequence 629, Application US/09801274
Patent No. US20020032319A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2001-03-07
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2000-03-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                 Best Local Similarity 72.7%:
                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Cargill, Michele
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Rockville
                                                                                                                                        24, Conservative
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US-09-801-274-629
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                                                                                                  Query Match
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TITLE OF INVENTION: Secreted and Transmembrane Delypoptidos and Nucleie PITLE OF INVENTION: Acids Encoding the Same
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59.4%; Pred. No. 2.5ec04;
ige o; Mismatches 11; Indels 0; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REPERENCE: P26/30PPC11
COMMENT A PLEASALER REMEMPE 105/005/078, 205A
CURRENT FILLING DATE: 2001-10-15
                                                                       REGISTRATION NUMBER: 36, 473
REFERENCE/DOCKET NUMBER: PB340P2
                                                                                                                                                                                                                                                               TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 259:
APPLICATION NUMBER: 08/961,083
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER, 30,065411
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 66/066464
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   . sequence 43, Application US/09978295A patent No. US20020156006Al
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Christopher
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
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                                                                                                                           TELEPHONE: (301) 309-8504
                                                                                                             TELECOMMUNICATION INFORMATION:
                                                      NAME: Brookes, A. Anders
                                                                                                                                                1ELEFAX: (301) 309 B512
INFORMALION FOR SEQ LD NO: 259:
SEQUENCE CHARACTERISTICS:
                  FILING DATE: «Unknown» ATTORNEY/AGENT INFORMATION:
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Shelton, David L.
Stewart, Timothy A.
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                                                                                                                                                                                                        LENGTH. 36 base pairs
                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: double
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Kljavin, Ivar I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Paoni, Nicholas F.
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                                                                                                                                                                                                                                                                                                                                                             69.48,
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                                                                                                                                                                                                                                                                                                                                                             Local Similarity 69.4%
Les 25, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Goddard, Audrey
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Baker Kevin P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Fong, Sherman
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                                                                                                                                                                                                                                                                                                            US-09-765-272-259
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PRIOR PRICE CATE 1998-03-10

PRIOR PRICE AFEL 1998-03-10

PRIOR PRICE NAME 1998-03-10

PRIOR PRILING DATE 1998-03-11

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PRIOR PRILING DATE 1998-03-12

PRIOR PRILING DATE 1998-03-12

PRIOR PRILING DATE 1998-03-20

PRIOR PRILING DATE 1998-03-30

NUMBER NU	1598-04 22 17588-1 1998	MUMBER: 60/08463' 1998-05-07 1998-05-07 1948-05-07 1948-05-07 1948-05-07 1948-05-07 1948-05-07 1948-05-07 1948-05-07 1948-05-07 1948-05-07 1948-05-07 1948-05-07 1948-05-07 1948-05-07 1948-05-07 1948-05-13
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1027 CURFERENCE: P2630P1027 NUMBER: US/NG/078,607
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9.4%; Pred. No. 2.9e+04;
tvc 0; Mismatches 11; Indels
                                                                                                                                                                                                                                                                    Grimaldi, J. Christopher
Gurnor, Austin I..
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PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
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PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
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PRICE FILING DATE: 1997-11-03
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PRIOR FILLING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILLING DATE: 1998-05-15
                                                                       PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
                                                                                                                        PRIOR APPLICATION NUMBER: 60/085704
PRIOR PILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697
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; Patent No. US20020169284A1
                                                        PRIOR APPLICATION NUMBER: 60/085580
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Wood, William I.
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Stewart, Timothy A.
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Filvaroff, Ellen
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Gerber, Hanspeter
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Desnoyers, Luc
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                                                                                                                                                                                                                   Best Local Similarity 69.4
Matches 25: Conservative
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Kuo, Sophia S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Baker Kevin P.
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Paoni, Nich
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PRIOR PULLING DATE: 1998-04-15
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR APPLICATION NUMBER: 60/081838
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PRIOR PILING DATE: 1998-04-15
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PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
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PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
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PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
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PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
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PRIOR APPLICATION NUMBER: 60/080328
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PRIOR FILING DATE: 1998-04-01
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PRIOR APPLICATION NUMBER: 60/078949
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PRIOR APPLICATION NUMBER: 60/077649
                                        PRIOR APPLICATION NUMBER: 60/077791
                                                                                  PRIOR APPLICATION NUMBER: 60/078004
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PRIOR FILING DATE: 1998-04
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PRIOR FELLICATION NUMBERS, 607,082703
PRIOR APPLICATION NUMBER: 607,082703
PRIOR APPLICATION NUMBER: 607,082703
PRIOR PTILING DATE: 1998-04-22
PRIOR FILING DATE: 168-04-27
PRIOR FILING DATE: 168-04-27
PRIOR FILING DATE: 1958-04-27
PRIOR APPLICATION NUMBER: 607,08336
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PRIOR APPLICATION NUMBER: 607,08349
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PRIOR FILING DATE: 1988-04-29
PRIOR PPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
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PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
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APPLICATION :
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PRIOR FILING DATE: 1998-05-13
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PRIOR APPLICATION NUMBER: 60,7082704
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PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
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PRIOR FILING DATE: 1998-05-07
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                                                                           7082804
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APPLICART. Williams, F. Mickey
APPLICART. Wood, William 1.
TITLE OF INVIRTIES. Secreted and Transmeakrane Folypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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                                                                                       Overy Match 1.8%, Score 18.4, DB 9, Longth 45, Best Local Similarity 69.4%, Pred. No. 2.9e+04; Matches 25, Occservative 5, Mismatches 11, Indels
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Grimaldi, J. Christopher
Gurney, Austin L.
Fillan, Kenneth J
Kljavin, Ivar J.
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. Sequence 43, Application 08/09978192A
. Patent No. US20020177553A1
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PRIOR PILLOSTION NUMBER: 60/078004
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PRIOR APPLICATION NUMBER: 60/078886
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Goddard, Audrey
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Filvaroff, Ellen
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Shelton, David L.
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Gao, Wei-Qiang
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PRIOR APPLICATION NUMBER:
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APPLICANT: Baker Kerin P.
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PRIOR FILING DATE: 1998-04-09
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PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
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PRIOR APPLICATION NUMBER: 60/079664
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PRIOR FILING DATE: 1998-03-27
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PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILLING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR PILLING DATE: 1998-04-22 PRIOR APPLICATION NUMBER: 60,081952 PRIOR FILING DATE: 1998-04-15 PRIOR APPLICATION NUMBER: 60,081838 PRIOR FILING DATE: 1998-04-21 PRIOR APPLICATION NUMBER: 60/082569 PRIOR FILING DATE: 1998-04-21 PRIOR FILING DATE: 1998-04-15 PRIOR APPLICATION NUMBER: 602082568 PRIOR APPLICATION NUMBER: 60/081195 PRIOR FILLING DATE: 1998-04-08 PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/979728
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PRIOR FILING DATE: 1998-03-27 FILLING DATE: 1998-04-01 APPLICATION NUMBER: 60/080334 60,7081070 60/081049 607081071 60,7081203 APPLICATION NUMBER: 60/079920 607079923 LICATION NUMBER: 60/080107 APPLICATION NUMBER: 60/080165 APPLICATION NUMBER: 60/080194 ICATION NUMBER - 607080327 APPLICATION NUMBER: 60.7080328 60/080333 PRIOR APPLICATION NUMBER: 60/079663 LICATION NUMBER - 60/080105 PRIOR APPLICATION NUMBER: 60/078936 PRIOR FILING DATE: 1998-03-20 PRIOR APPLICATION NUMBER: 60,7078910 PRIOR APPLICATION NUMBER: 60,0778939 1998-04-15 PRIOR FILING DATE: 1998-04-01 PRIOR PAPLICATION NUMBER: 60.00 PRIOR FILING DATE: 1998-04-08 PRIOR APPLICATION NUMBER: 60.70 1998-04-15 1998-04-08 1998-04-08 1998-04-01 1998-04-01 1998-03-30 1998-03-30 1698-03-31 PRIOR FILING DATE: 1998-03-20 1998-03-20 1998-03-31 1998-03-31 1998-03-31 PRIOR AFFLICATION NUMBER: APPLICATION NUMBER: PRIOR FILING DATE: 1998-0-PELCE APPLICATION MIMNEY-PRIOR FILING DATE: 1998-0-APPLICATION NUMBER: FILING DATE: PRIOR FILING DATE: APPL APP PRIOR PRION PRIOP PRIOR PRIOR PRIOR PRIOR PRIOR

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PRIOR PLING DATE: 1998-05-15 PRIOR APPLICATION NUMBER: 60/085697 PRIOR APPLICATION NUMBER, 65/083742 PRIOR FILING DATE: 1998-04-30 PRIOR APPLICATION NUMBER: 60/084366 PRIOR FILING DATE: 1998-05-05 PRIOR APPLICATION NUMBER: 60/084414 PRIOR FILING DATE: 1998-05-06 PRIOR APPLICATION NOMISER: 60/084441 60/083545 60/083558 003880/00 PRIOR FILING DAIE: 1998-04-22 PRIOR APPLICATION NUMBER: 60/082796 LICATION NUMBER: 60/083495 60/083496 PRIOR FILING DATE: 1998-04-29 PRIOR APPLICATION NUMBER: 50/081499 60/083554 60,7083559 PRIOR APPLICATION NUMBER: 60/082797 583 897 09 PRIOR FILING DATE: 1998-05-06 1998-04-29 1998-04-29 1998 04 29 1998-04-29 1998-04-29 1998-04-28 1998-04-29 1998-04-29 1998-04-29 1998-04-29 1998-05-1 1998-04-27 PRIOR FILING DATE, 1998-04
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APPLICANT: Wood, William 1.
FILLE OF INVENTION: Serviced and Transmembrane Polypoptidus and Nachole FILLE OF INVENTION: Acids Encoding the Same
201 GGACCTAAAAICAATGATGGAGAAGGTGAGAGGGAA 236
                          1 GCCCCAAAGGAAAAGAACAGAGTGTCAGGAA 36
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                                                                                                                                                            Sequence 43, Application US/099932A Publication No. US20020192706Al GENERAL INFORMATION:
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
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PRIOR FILING DATE: 1938 03 20
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PRIOR FILLING DATE: 1998-03-12
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PRIOR FILING DATE: 1998-03-13
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Shelton, David L.
Stewart, Timothy A.
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Gerritsen, Mary E.
Goddard, Audrey
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Filvaroff, Ellen
Fong, Sherman
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Kuo, Sophia S.
Napier, Mary A.
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PRIOR FILING DATE: 1998-03-1.
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Desnoyers, Lac
Eaton, Dan
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                                                                                                                                                                                                                                                                                                                                                                                                                      Gao, Wei-Qiang
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                                                                                                                                                                                                                                                       Baker Kelin P.
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Paoni, Nich
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PRIOR APPLICATION PRIOR FILING DATE:
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PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
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PRIOR AFILICATION NUMBER: 60/079669
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FRISH AFFILICATION NUMBER: 60/07978
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PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILLING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081203
PRIOR APPLICATION NUMBER: 60/081229
PRIOR APPLICATION NUMBER: 60/081229
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079655
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AFPLITATION NOTE:
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PRIOR FILING DATE: 1998-04-22
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PRIOR FILING DATE: 1998-04-15
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PRICE APPLICATION NUMBER: 60/082704
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PRIOR APPLICATION NUMBER: 60,008335
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 66,0083322
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PRIOR FILING DATE: 1998-04-15
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INNOK FILING DATE. 1998-64 27
PRIČK APPLICATION NUMBER: 60,
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TITLE OF INVENTION: Acids Encoding the Same
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CHRHENT APPLICATION NUMBER: US/09/978.189
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PRIOR APPLICATION NUMBER: 60,065311
PRIOR APPLICATION NUMBER: 60,065311
PRIOR FILING DATE: 1997-11-13
PRIOR FILING DATE: 1997-11-21
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60,00774:0
PRIOR APPLICATION NUMBER: 60,00774:1
PRIOR FILING DATE: 1998-03-11
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Gurney, Austin L.
Hillan, Kenneth J
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PPIOP APPLICATION NUMBER: 64/918585
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PRIOR FILLING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
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                 ; sequence 43, Application USZ09978189
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Roy, Margaret Ann
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Filvaroff, Ellen
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Gerber, Hanspeter
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                                                                                             Baker Kevin P.
Botstein, David
Desnoyers, Luc
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                                                                      APPLICANT: Ashkenasi, Avi
ApplicanT: Raker Kevin D
                                                                                                                                                                                                                           Fong, Sherman
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                                                                                                                                                                  Eaton, Dan
                                                         GENERAL INFORMATION:
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1998-05-07
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PRIOR FILING DATE: 1998-05-05
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PRIOR FILING DATE: 1998-05-06
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PRIOR FILING DATE: 1998-05-15
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PRIOR APPLICATION NUMBER: 60,7085697
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PRIOR APPLICATION NUMBER: 607C
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APPLICANT. Wood, William I.
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TITLE OF INVENTION: Acids Encoding the Same PRIOR APPLICATION NUMBER: 60/079656 PRIOR FILING DATE: 1998-03-26 60,7078939 60/079294 APPLICATION NUMBER: 60/079664 PRIOR APPLICATION NUMBER: 60,079689 02 × 0 8×6 1998-03-25 1998-03-27 FILING DATE: 1998 O'APPLICATION NUMBER: APPLICATION NUMBER: FILING DATE: FILING DATE: FILING DATE: PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR

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March 4, 2003, 60 56 39; Search time 1741 Seponds (without alignments) 9451 243 Million cell updates/sec Run on:

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16154066 says. 8097743376 residues Searched.

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Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100% Listing first 45 summaries

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ALIGNMENTS

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Institute of Medical Science, Enlayersity of Tokyo
Institute of Medical Science, Enlayersity of Tokyo
Enail: ysuaukielma.u. Lokyo.do.jp
Szauki.y. Yeshirme Nakagwa.g. Maruyama.g. suyama.A. and Sugano
,5. Constitution and characterization of a fail length-enriched and
a fired-enriched of NA library Gene 200 (1-2), 144-156 (1997).
Location/Qualifiers
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(Cases 1 to 50)

Supuki, V. Taira, H., Tsunoda, T., Mizushima-Sugano, J., Sese, J., Hat, J., Nathumua, Y., Suyama, A., and Sugano, S., Okubo, K., Sakaki, Y., Nathumua, Y., Suyama, A., and Sugano, S.

Five se transcriptional initiation revealed by fine, large-scale mapping of mRNA start sites

EMPO. Pop.

20270072

Contact: Yutaka Suzuki
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/fub_nost="Defined (ampleillin resistant)"
/fub_nost="Defined with resistant)"
modified polylinker; Site_1: Not I: Site_2: Dep EI, IS:
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strand cDNA was primed with a Not I: olded(aft) primer [5'
double-stranded cDNA was ligated to Boo RI adaptors
(double-stranded cDNA was ligated to Boo RI adaptors
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of Boo RI sites of the modified pTT3 vector. Library
went through one round of normalization. Library
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Hilling, I. Clark, M. Dukupar, T., Flisten, E., Hawkins, M., Halhan, M., M., Hultman, M., Kucabar, T., Le, M., Lennon, G., Marra, M., Parsons, J., Pitkin, I., Pohlfin, T., Searra, M., Tan, F., Torankis, E., Waterston, R., Williamson, A., Wohldmann, F., and Wilson, R., Granskis, E., Waterston Unpublished (1995)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            37 bp mena linear EST 24-APR-199 yh53d06.sl Soares placenta Nb2HP Homo saplens cDNA clone IMAGE:133426 31 similar to gb:V00497 HEMOGLOBIN BETA CHAIN (HUMAN by MAN sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eukaryota: Motasoa: Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                 /olone_lib="Sugamo Homo sapiens cown library"
/note "Pifferential display comparises of natreated and
dimethyllumarate treated 0937 cells"
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4444 Forest Fark Farkway, Box 8501, St. Louis, MO 63108
                                                                                                                                                                                                                                                                2.1%; Score 21; DB 9; Longth 50; 66.7%; Pred. No. 2.8e+05;
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/organism="Homo_sapiens"
/db_xref="taxon:9606"
/clone="COL09872"
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High quality sequence stop: 1.
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High quality sequence starts. I High quality sequence stops: 1 Source: IMAGE Consortium, Link. This clone is available royalty free through Link.; contact the IMAGE Consortium (into-dimage. Hinlagov) for further information. Trace considered overall poor quality insert Length: 554—8td Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            double-stranded cDNA was ligated to Boo KI adaptors (Pharmacia), disested with Pac I and cloned into the Pac I and Eco KI sites of the modified pP27 Evector. Library went through one round of normalization. Library constructed by Bonno Soures and M.Patlina Bonaldo."
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Hillort., Clark, Clark, Dubuque, T., Elliston, K., Rawkins, M., Holman, M., Rucaba, T., Le, M., Lehnon, G., Marra, M., Parsons, J., M., Holtman, M., Kucaba, T., Le, M., Lehnon, G., Marra, M., Parsons, J., Rifkin, L., Rehling, T., Soarce, M., Tan, F., Trevaskis, E., Waterston, R., Williamson, A., Wolldmann, P. and Wilson, R.
The Washo-Morek EST Project.
Unpublished (1995)
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yd92e01.sl Scares fetal fiver spleen iNFLS Nome sapiens cDNA clone
IMAGE:115680 3' similar to qb:V00497 HEMOGLOBIR EDTA CHAIR (HUMAN
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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constructed by Bento Soares and M. Fatima Honaldo.
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Contact: Wilson RK
Washigton Bibersity School of Medicine
444 Forest Fark Farkway, New RSOL, St. Lauis, No 64108
Tel: 314 286 1800
Fax: 314 286 1810
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/clone_lib-"Soares fetal liver spleen INFLS"
/sex="male"
                                                                                            2.0%; Sees 20.6; DR 4; Length 47; 72:2%; Pred No. 3.3c+05;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: ysuzukiiims.u-tokyo.ac.jp
Suzuki/Y., Yoshitomo-Nakaqawa.K., Maruyama.K., Suyama.A. and Suqano
,S. Construction and characterization of a full length enriched and
a f' end-enriched TNN library Gune 200 (1.2), 149-150 (1997).
Location-Constitions
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Znoto-"Differential display comparison of univeated and
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Yutaka Snroki
Department of Virology
Institute of Medical Science, University of Tokyo
4-6-1, Shirokanglak, Manatoku, Tokyo 198-84.9, Japan
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Hillier, I. Leuren, S., Fecker, M., Bonaldo, M.F., Chiapelli, P., Chiase, J. Leuren, S., Fecker, M., Bonaldo, M.F., Chiapelli, P., Chiase, S., Dietrich, N., Eughane, T., Pavello, A., Cish, M., Hawkins, M., M., Hullman, M., Eursons, J., Frange, C., Kifkin, L., Kohlfing, T., Scheltenberg, K., Zeares, M.F., Tan, F., Thierry, Meg.J., Thornson, R., Childman, P., Watersten, F., Thierry, Meg.J., Thornskis, E., Underwood, K., Wohldmann, P., Watersten, F., Wilson, R. and Marra, M. Genome Res. 6 (9), 807-828 (1996)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AA101215
an37107.01 Stratagene endothelia! cell 937223 Home sapiens cDNA clone IMAGE:540637 3' similar to SW.RLIS_RAT P41051 608 RIBOSOMAL FFOTTIN 515. , mRNA sequence.
AA101215.1 GI:1647869
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Eukaryeta: Metavoa: Chordata: Craniala: Vertebrata: Futeleostomi;
Mammalia: Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                               This close is available royalty free through LLM. , contact the LMAGE consortium (infoMmage lin1 gov) for further information
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                               4444 Forest Park Farkway, Box 8591, St. Louis, My 63108
Tel: 314-286-1800
Fax: 314-286-1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /db_xref "taxon:10090"
/close "imAdo:111230"
/biografile "swarts moust cubigo hbMbi3:5 14.5"
/sex="usknown"
                                                                                                                                                                                                                                                                                   Trace considered overall poor quality Possible reversed choic: similarity on wrong straid Seq primer: mob.REGA-ET
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/dev_staqe="13.5 i4.5dpc total fetus"
/lab_host="DH108"
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Washington University School of MedicineP
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ج
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                      Unpublished (1996)
Contact: Marra M/Mouse RST Project
                                                                                                                                                                                                                                                                                                                                                                                                                                /organism-"Mus musculus"
                                                                                                                                                                                          mouseest !watson.wustl.edu
The WashU-HHMI Mouse EST Project
                                                                                                                                                                                                                                                                                                                                                       High quality sequence stop: 1.
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es 29, Conserv
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Attach Image (1960s)

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Technologies catalog #: 11544 014"
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A., Nakamura,Y., Suyama,A. and Sugano,S.
Diverse transcriptional initiation revealed by line, large scale
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sucuki,i., Yoshitomo-Nakadaa,K., Maruyama,K., Suyama,A. and Sugano,S. Construction and characterization of a full length-enriched and a 5'-end-enriched cDM. library, Gene 200 (1.2), 149-156 (1947)
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AU102564 Sugano Homo sapiens chwa library Homo sapiens chwa elone
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                                                                                                                                                                                                 1.9%; Score 19.8; DB 9; Longth 46; 67.5%; Pred. No. 6, Le+05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Department of Virology
Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: ysuzukisims.u-tokyo.ac.jp
                                                                                                                                                                                                                                                                                                   1 others
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1.9%; Score 19.4; DB 9; Length 50;
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0; Mismatches 13;
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0; Mismatches
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tes 27; Conservative
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tr09a12.x1 NGT_SGAR_DV23 Homo Sapiens cDNA Clone IMAGE:2217790 37
similar to TR:Q69340 060340 GRF1, PEREZ, AND ORF3, 7, MRNA sequence.
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CDNA Library Arrayed by: Gred Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCT-CGAP clone distribution information can be
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryata, Metasoa, Choldata, Claniata, Vertebrata, Euteleostomi;
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
1 (bases 1 to 46)
                                                                                                                               This clone is available royalty-tree through LLNL; contact the IMAUE Consortium (into@image.llnl.gov) for further information. Trace considered overall poor quality
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael K.
Emmert-Buck, M.D., Ph.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NOT-COAP Littp://www.n-t: nim.lit.gov/incledup.
National Cancer Institute, Cancer Genome Anatomy Project (GGAP),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                   Washington University School of Medicine
4444 Forest Park Pirkway, Box 850; St. .ouis, Mo 63108
                                                                                                                                                                                                                                                                                                                                                                                                     /clone="IMAGE:549637"
/clone_lib="Stratagene endothelial cell 937223"
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                                                                                                                                                                                                                                                                                                                                                                                                                                              /dev_stage="umbilical vein, 1 passage"
/lab_host="SOLR (kanamycin resistant)"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ouery Match 2.0%, Score 20, DB 9,
Best Local Similarity 68.4%, Pred. No. 5.5e+05;
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Location/Qualifiers
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/db_xref="GDB:3928154"
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                                                                                                                                                                                                                                                                                                                                                                                /db_xref="taxon:9606"
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High quality sequence stop: 1.
Location/Qualifiers
                                                                                                            Email: est@watson.wustl.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              11 д
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Contact: Wilson RK
                                                                     314 286 1800
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HASE COUNT

OKICIN

76;

Matches

A1744303

DEFINITION

A1744303

21,007

AI744303

ACCESSION

human.

ORGANISM

REFERENCE AUTHORS JOURNAL.

TITLE

COMMENT

FEATURES

EST

KEYWORDS

SOURCE

EST 40 AUG-2001

Saps

0; Gaps

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Department of Virolody
Institute of Medical Science, University of Tokyo
4-6.1, Shirokanedai, Minatoku, Tokyo 108-86.95, Japan
4-6.1, Shirokanedai, Minatoku, Tokyo 108-86.95, Japan
Shirokan, Yoshitkan, Mebajasa, E. Maruyama, E., Sayama, A., and Sayama, S., Construction and characterization of a full length currey, of and a 5'-end-enriched characterization (1.2), 119-156 (1997).
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[ pases 1 to 50)
Suzuki,Y., Taira-H., Tsunoda,T., Mizushima-Sugamo,J., Sese,J., Hat,H., Tsoqai,T., Tanada,T., Morishia,S., Okubo,K., Sakaki,Y., Nakamura,Y., Suyama,A., and Sugamo,S.

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Institute of Medical Science, University of Tokyo
Hafell, Shirokapedal, Minatoku, Tokyo 108-8639, Japan
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Suzuki, Y., Yoshitomo-Nakarawa, K., Maruyama, K., Suyama, A. and Sugano
,S. Construction and characterization of a full length-enriched and
a fivers enriched 213% [[Errary, Sen. 203 (1-2), 155-155] (1937).
Suzuki.V., Yoshitomo Nukarawa.K., Maruyama.K., Suyama.A. and Surubo
,S. Constitution and chara-terication of a fall length enriched and
of S. and enriched eraz. The re., Gen. 220 (1.2), 146-156 (1997).
Location/Qualifiers
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Suzubi.y., Taira.H., Tsuncda.T., Mizushima-Sugano, J., Soso, J., Hat,
H. Orla.T., Isoqali, J., Tanaka, T., Morishida, S., Okubo, K., Sakaki
, Y., Nakamura, Y., Suyama, A. and Sugano, S.
Diverse transcriptional initiation revealed by fine, large-scale
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EFFECRES, mRNA sequence.
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Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyumu,K., Suyama,A. and Sugano
S. Construction and characterization of a full length enriched and
a 5'-end-euriched cDNA library, Gene 200 (1.2), 155-15c (1997).
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Diverse transcriptional initiation revealed by fine, large-scale
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Diverse transcriptional initiation revealed by line, large-scale
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Email: ysusukitins.u tokyo.ac.jp
Suzuki,Y., Yoshitomo-Nakadawa,K., Maruyama.K., Suyama,A. and Sugano
.S. Construction and characterization of a full length-enriched and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AU108014
AU108014 Sugano Homo sapiens cbNA library Homo sapiens cbNA clone
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/hote-"billerential display comparison of untreated and
dimethyllumarate_treated U937 cells"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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4-6-1, Shirokanedal, Minatoku, Tokyo 108-8639, Japan
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Institute of Medical Science Willersity (1.8)
4-6-1, Starokanedar, Minatoku, Tokyo 108-8619, Japan
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/db_xref "taxon:9606"
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                                                                                                                                                                                                                                                                                                                                                                                                          Department of Virology
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les 26; Conservative
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Enteleostomi,
Mammalia, Eutherja, Rodentia, Scinroquathi, Muridae, Murinae, Mus.
                                                                                                                                                                                                               /clone_lib "Sugano Homo sapiens chwA library"
/note="billerential display comparison of unfreated and
dimethyllumarate freated U947 cells"
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2MOOJ5821F Mouse 16kb plasmod UUGCIM library Mus musculus genemic
clone UUGCZMOOJ5821 F, DNA sequence.
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Dunn, D., Aoyadi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmend, M., Meenen, E., Federsen, T., Reilly
and Wright, D., Weiss, R.
a 5'-end-curiched coNA library. Gene 200 (L.2). 149 156 (1992).
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Musculus CETRL'6J (Male) was obtained from the Jackson
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Mouse whole grammers scattolding with paired and reads from 10kb plasmid inserts.
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/clone="Hucczwog15821"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
                                                                                                                                                                                                                                                                                                                                                                                                                                      1.9%; Score 19.4; DB 9; Length 50; Similarity 64.4%; Pred. No. 8 20.05.
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Insert Length: 10000 Std Error: 0.00
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                                                                                                           Zorganism "Homo sapiens"
Zdb_vrot "taxon:9606"
Zelone:"HEP19644"
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/strain "c5781,/6,1"
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University of Utah Genome Center
University of Utah
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10.5 kb range using preparative agarose get electropheres; Vester FWA was prepared from a delivative of pMD42 (gil47321141gb]AT129072.1), a toggrammaber inducible derivative of passed AL repertative of with adaptors was lighted with adaptors and purified. The sheared, adaptored musse DMA was annealed to
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                                                                                                                                                                                                                                                                        adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/dev_stage="adult"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidue; Homo.
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HOM330005746 Human adult (F Okubo) Homo Sapiens CPNA, mRNA
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Tel: 06-877-5111(ex.3315)
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